# Mountain Weather Forecast

## Lake District National Park

Forecast valid from 06:00 on Monday 05 Feb 2024 until 23:59 on Tuesday 06 Feb 2024

Forecast Issued on Monday 05 Feb 2024 at 02:02

**Confidence:** High for generally unsettled and relatively seasonally mild, but lowering for the detail of worst conditions.

**Headline for Monday 05 Feb 2024:** Cloudy to overcast with occasional light rain or drizzle. Summit gales. Freezing level above all peaks.

**Mountain weather hazards on Monday 05 Feb 2024**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>Medium Likelihood | **Severe chill effect**<br>Medium Likelihood | **Poor visibility**<br>High Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 800m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| FOG | | | FOG | | |
| Fog | Light rain | Light rain | Fog | Light rain | Light rain |
| Precipitation probability | | | | | |
| 60% | 60% | 50% | 60% | 50% | 50% |

**Forecast for Monday 05 Feb 2024**

**Weather:** Cloudy to overcast with occasional patchy light rain or drizzle, most persistent across western areas of the park.

**Chance of cloud-free hill tops above 800m:** 10%

**Low cloud and visibility:** Moderate or poor in rain and drizzle, very poor within cloud with bases extensive from 450m.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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# Met Office Mountain Weather Forecast

**Forecast for Monday 05 Feb 2024**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 44/53 SW | 43/54 SW | 46/58 SW | 45/57 SW | 44/55 SW | 46/59 SW | 48/61 SW |
| **600** | 38/48 SW | 38/50 SW | 38/50 SW | 37/49 SW | 35/48 SW | 38/52 SW | 39/53 SW |
| **300** | 10/37 SW | 14/39 SW | 15/40 SW | 15/39 SW | 14/38 SW | 16/41 SW | 16/43 SW |
| **Valley** | 12/33 SW | 15/34 SW | 15/36 SW | 16/36 SW | 15/36 SW | 17/38 SW | 16/39 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 3/-6 | 2/-6 | 2/-6 | 3/-5 | 3/-4 | 3/-5 | 3/-5 |
| **600** | 4/-3 | 4/-4 | 4/-3 | 5/-2 | 5/-2 | 5/-2 | 5/-2 |
| **300** | 5/2 | 5/1 | 6/2 | 6/3 | 7/3 | 7/3 | 7/3 |
| **Valley** | 7/4 | 7/3 | 8/4 | 8/5 | 9/6 | 9/6 | 9/6 |
| **Freezing Level*** | 1500m | 1300m | 1400m | 1500m | 1500m | 1700m | 2000m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Severe wind chill confined to higher peaks. Extensive hill fog.

**Forecast for Tuesday 06 Feb 2024**

**Weather:** Overcast through the morning with periods of rain heavy at times, also turning to snow above 700m by mid-day. Rain and summit snow clearing gradually from the north from early afternoon, with largely dry and bright conditions reaching all by the end to the afternoon.

**Maximum wind:** Westerly beginning 30-35mph with gusts reaching 50mph across most exposed ridges and summits. Winds easing gradually through the day.

**Chance of cloud-free hill tops above 800m:** 10% or less becoming 70% from late afternoon.

**Low cloud and visibility:** Good becoming moderate or poor in rain and drizzle, very poor in snow and within cloud with bases extensive from 450m at first, before lifting and breaking from the north through the afternoon.

**Temperature:** **Valleys:** Plus 8 Celsius increasing 12 Celsius during the afternoon
**At 800m:** Plus 3 Celsius decreasing minus 3 Celsius during the evening
**Freezing level:** Above all summits lowering 500m during the evening

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# Mountain Weather Forecast

**Ground Conditions Supplement**

Date: Sunday 4 February Location: Helvellyn summit at 13:00 Full report: The majority of the Lakeland fells are now free of snow and ice with even the compacted ice on popular routes having thawed. The main exception is the exit slope to Swirral Edge which sports areas of steep icy snow above a large drop. Great care should be exercised here especially in descent and an ice axe and microspikes are recommended for this very short section. Striding Edge can now be climbed without setting foot on snow. Elsewhere the remaining patches of snow are to be found above 900m on steep north through east aspects. The winds were the main challenge today with gusts of 70mph recorded where it was being accelerated over ridges and funnelled through gaps. This was easily enough to blow a walker over with an associated risk of injury. Despite the lack of snow full winter clothing is still required to enjoy the fells in comfort and safety. The very minimum should include waterproof tops & bottoms, warm layers, hats and gloves, a map & compass, headtorch and boots with plenty of grip. Goggles were also useful in the high winds and driving rain. Temperature: plus 5.6C, Maximum wind speed 66.6mph, Wind chill: minus 3.8C, Average wind speed: 50.8mph

Issued at: 02:02 on Mon 05 Feb 2024


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